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(b) Amendments to the Claims

Please cancel claims 2-5 without prejudice or disclaimer of subject matter.

Kindly amend claim 1 as follows. A detailed listing of the claims that are or were in the application is provided.

1. (Currently Amended) A method for modifying a surface of a substrate to be processed, by utilizing microwave surface-wave plasma, said method comprising the steps of:

maintaining the substrate at a temperature of the substrate to a temperature which substantially prevents a material injected by a plasma process into the substrate from diffusing in the substrate, and provides an anneal effect;

introducing process gas including the material into a plasma process chamber;

generating plasma in the plasma process chamber; and

changing at least once an electron temperature of the plasma,

wherein said changing step changes a distance between a generation part for generating the plasma and a stage for mounting the substrate to be processed.

2. - 5. (Cancelled)